FEB 1 5 2007

PATENT APPLICATION

RECEIVED

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masahiro KATOH et al.

Application No.: 09/788,426

Filed:

February 21, 2001

Docket No.:

111282

For:

MULTI-LAYERED BRUSH OF ROTARY ELECTRIC MACHINE AND METHOD

OF MANUFACTURING THE SAME

SUBMISSION OF POWER OF ATTORNEY BY ASSIGNEE

Director of the U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

Enclosed is a Power of Attorney by Assignee to be made of record in the aboveidentified application.

In the event of any nonpayment or improper payment of a required fee, the Director is authorized to charge or to credit OLIFF & BERRIDGE, PLC Deposit Account No. 15-0461 as required to correct the error.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Thomas J. Pardini

Registration No. 30,411

JAO:TJP/kaw

Date: February 15, 2002

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461





PATENT APPLICATION IVE

* DADENARY OFFICE IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEB 20 2002

POWER OF ATTORNEY BY ASSIGNEE

TECHHOLOGY CENTER 2800

Director of the U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

Denso Corporation is the Assignee of the entire right, title and interest in the patent applications identified in the attached Appendix A by virtue of Assignments recorded at the locations identified in the Appendix. Additionally, Denso Corporation is the Assignee of the entire right, title and interest in the following seven patent applications for which Assignments have been filed, but the original Assignments, indicating the dates and reel and frame numbers of recordation, have not yet been returned:

U.S. Patent Application No.	Filed	Inventors
09/879,035	June 13, 2001	Hironao YAMAGUCHI
09/885,163	June 21, 2001	Keiji TAKAHASHI et al.
09/912,301	July 26, 2001	Nakato MURATA et al.
09/918,826	August 1, 2001	Masami NIIMI et al.
09/922,691	August 7, 2001	Tadatoshi ASADA
09/903,494	July 13, 2001	Naoto IWATA et al.
09/873,410	June 5, 2001	Shigenobu NAKAMURA

Copies of the Recordation Cover Sheets and executed Assignments as filed for these applications are attached hereto.

The undersigned is authorized to act on behalf of Denso Corporation; has reviewed the evidentiary documents in the chain of title; and certifies that to the best of the Assignee's knowledge and belief, title is in the Assignee.

Denso Corporation hereby revokes all prior powers of attorney and appoints the following as attorneys of record with full power of substitution and revocation to prosecute this

application and all continuations and divisions thereof, and to transact all business in the Patent and Trademark Office:

James A. Oliff, Registration No. 27,075;
William P. Berridge, Registration No. 30,024;
Kirk M. Hudson, Registration No. 27,562;
Thomas J. Pardini, Registration No. 30,411;
Edward P. Walker, Registration No. 31,450;
Robert A. Miller, Registration No. 32,771;
Mario A. Costantino, Registration No. 33,565;
Stephen J. Roe, Registration No. 34,463;
Joel S. Armstrong, Registration No. 36,430;
Christopher W. Brown, Registration No. 38,025;
Richard E. Rice, Registration No. 31,560; and
Paul Tsou, Registration No. 37,956.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320. TELEPHONE: (703) 836-6400.

February 14, 2002

Signature

Typed Name: Masashi Kamiya

Title: General Manager

APPENDIX A

U.S. Patent Application Serial No.	<u>Filed</u>	Oliff & Berridge, PLC Docket No.	Reel/Frame No.
09/538,983	March 30, 2000	111267	010661/0135
09/758,169	January 12, 2001	111277	011460/0868
09/777 ,699	February 7, 2001	111281	011540/0141
09/788,426	February 21, 2001	111282	011558/0650
09/837,382.	April 19, 2001	111287	011706/0632
09/849,274	May 7, 2001	111290	011784/0710
09/878,247	June 12, 2001	111291	011900/0317
09/883,204	June 19, 2001	111293	011917/0398
09/883,205	June 19, 2001	111294	011916/0601
09/899,054	July 6, 2001	111297	011965/0421
09/935,695	August 24, 2001	111307	012120/0029
09/940,648	August 29, 2001	111310	012126/0801
09/940,797	August 29, 2001	111311	012126/0951
09/948,581	September 10, 2001	111313	012163/0692
09/949,753	September 12, 2001	111314	012163/0229
09/950,057	September 12, 2001	111315	012201/0554
09/808,364	March 15, 2001	111316	011612/0898
09/935,696	August 24, 2001	111318	012120/0318
09/599,422	June 22, 2000	111327	010896/0961
09/803,979	March 13, 2001	111332	011603/0287
09/960,735	September 24, 2001	111334	012206/0462

U.S. Patent Application Serial No.	Filed	Oliff & Berridge, PLC Docket No.	Reel/Frame No.
09/521,604	March 9, 2000	111336	010631/0795
09/574,451	May 19, 2000	111337	010816/0493
09/891,349	June 27, 2001	111344	012241/0693
09/773,262	February 1, 2001	111348	012238/0216



	ION FORM COVER SHEET:
TO THE ASSISTANT COMMISSIONER OF PATENTS A	ND TRADEMARKS: RECEIVED
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DO	CUMENTS OR COPY THEREOF.
1. NAME OF CONVEYING PARTY (IES) (ASSIGNORS(S)	
1. Hironao YAMAGUCHI	2. 4. TECHKGLOGY CENTER 2800
3. FEB 1 5 2002	4. TECHNOLOGY CENTER 2800
7.	8.
ADDITIONAL NAME(S) OF CONVEYING PARTY (IES) A	TTACHED? TYES NO
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:	
NAME: DENSO CORPORATION	
ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-	-8661 JAPAN
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?	□YES ⊠NO
3. NATURE OF CONVEYANCE (DOCUMENT):	
	-multiple copies of same Assignment signed by different inventors is one
document)	
	RT INTEREST EXEC. DATE: June 1, 2001
⊠ORIGINAL	
SECURITY MERGER OTHER:	ATION
	D HEREWITH: (NOTE: IF DATES ON DECLARATION AND
ASSIGNMENT DIFFER SEE ATTY!) June 1, 2001	DIENEWITE (NOTE: II BATE ON BEOD II ON THE
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDIT	TIONAL SHEET(S) attached? ☐YES ☒NO
A. PAT. APP. NO.(S) M# 15 INVEN	TOR B. PATENT NO(S) M# 13 INVENTOR
NEW APPLICATION 281387	
5. Name & Address of Party to Whom Correspondence	
Concerning Document Should be Mailed:	APPLNS 1 + PATS 0 = TOTAL 1
Pillsbury Winthrop LLP	7. AMOUNT OF FEE ENCLOSED: (Code 581)
Intellectual Property Group	ABOVE TOTAL x \$40 = \$40
1100 New York Avenue, NW	
Ninth Floor	
Washington, DC 20005-3918	
5.5 ATTY DKT:	IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
P 281387 30954	UNDER ORDER NO 30954 281387
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	cover sheet, attachments and document 2
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Signature	
Attorney: Paul T. Bowen	<u> </u>
Reg. No. 38009	Date: _June 13, 2001
Atty/Sec: PTR/mih TFI: (202) 861-3014	FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)



Pillsbury Winthrop LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918

NONPROVISIONAL

USA Patent Appin. - Sole or Joint

Inventions made of	
executed with or after	
Atty. Dkt. PW	56600-US-AK/nh
M#	Client Ref

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

In the undersigned, to v	consideration of the sum of Ten Dollars (\$10.00) vit:	and other good and valua	able consideration paid to each of			
INSERT NAME(S) OF INVENTOR(S)	(1) Hironao YAMAGUCHI (3) (5)	(2) (4) x	box if continued on page 2			
the receipt and suffice and transfer(s) unto:	siency of which are hereby acknowledged by the	undersigned who at the r	equest of, hereby sell(s), assign(s)			
INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	DENSO CORPORATION 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-86	61 Japan				
	SIGNEE") the entire right, title and interest for the United States of uations, substitutes, and reissues thereof; and all resulting patents		00, in the invention and all applications including			
TITLE OF INVENTION	TRANSFORMER DEVICE, HIGH-VOLTAGE GENERATING APPARATUS HAVING THE SAME, AND LIGHTING SYSTEM HAVING THEM					
NOTE → → (Complete line A, B and/or C)	for which the undersigned executed an application (A) ⊠ even date herewith (B) □ on (C) □ in U.S. Appln. No/	tion for Letters Patents of	the United States of America:			
said ASSIGNEE, for its into hereinafter act on behalf of A essential by ASSIGNEE to	ND the undersigned hereby agree(s) to testify and execute any par ASSIGNEE'S full protection and title in and to the invention hereb he undersigned hereby authorize(s) Pillsbury Winthrop LLP of the	tives; the undersigned agree(s) that pers for ASSIGNEE, its successors, v transferred.	assigns and legal representatives, deemed			
1): Name: Hirona 2) Name: 3) Name: 4) Name: 5) Name:	ITORS Vironao Yamaguchi no YAMAGUCHI	DATE SIGNED June 1, 2001	WITNESSES Yoshitaka Sata			

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TO THE ASSISTANT COMMISSION	IONER OF PATENTS AND TRA	ADEMARKS:		
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1. NAME OF CONVEYING PART			*ccกาบเบา เกริ่ง	CENTER 2800
1. Keiji TAKAHASHI	FEB 1 5 2002 "	2. Toshinori MARUYAM	MA IEUMOLO-	
3. Makoto TANIGUCHI		4.		
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2. PARTY(IES) (ASSIGNEE(S)) F				
NAME: DENSO CORPORATION				
ADDRESS: 1-1 Showa-cho, Kariy	ya-city, Aichi-pref., 448-8661 JA/	PAN		,
ADDITIONAL NAME(S) & ADDRE		⊠NO		
3. NATURE OF CONVEYANCE	(DOCUMENT):			
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document)	MARIOLE DARTINITE	DECT EVEC I	NATE: May 21, 2001	
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A. PAT. APP. NO.(S) M#	15 INVENTOR	B. PATENT NO(S)	M#	1º INVENTOR 連入
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NEW APPLICATION 281174		:		
5. Name & Address of Party to V		6. NUMBER INVOLV		
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1600 Tysons Boulevard				
McLean, VA 22102				
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FILE WITH PTO RETURN RECEIPT (PAT-103A)

TEL: (703) 905-2020

FAX: (703) 905-2500

Pillsbury Winthrop LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918

USA Patent Appin. Sole or Joint

For Inventions made outside USA executed with or after application 56656-US Client Ref. Atty. Dkt. PW

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the undersigned, to v	wit:			e e e e e e e e e e e e e e e e e e e	
INSERT	(1) Keiji TAKAHASHI	 		(2) Toshii	nori MARUYAMA
NAME(S) OF	(3) Makoto TANIGUCHI			(4)	
INVENTOR(S)	(5)			x box if con	tinued on page 2
the receipt and suffic and transfer(s) unto:	ciency of which are hereby acknow	wledged by th	ne undersigned who at	the request of, I	nereby sell(s), assign(s)
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NAME(S) OF	DENSO CORPORATION				
ASSIGNEE(S)	1-1 Showa-cho, Kariya-		·		
& ADDRESS(ES)	Aichi-pref., 448-8661 Ja	pan			· · · · · · · · · · · · · · · · · · ·
	SIGNEE*) the entire right, title and interest for uations, substitutes, and reissues thereof; and	d all resulting pater	nts, known as	· · · · · · · · · · · · · · · · · · ·	ion and all applications including
NOTE → →	for which the undersigned exec	uted an appli	cation for Letters Paten	nts of the United	States of America:
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said ASSIGNEE, for its inte hereinafter act on behalf of AN essential by ASSIGNEE to	ND the undersigned hereby agree(s) to testify ASSIGNEE'S full protection and title in and to be undersigned hereby authorize(s) Pillsbury V	nd legals represent and execute any parties invention here	ntatives; the undersigned agree(papers for ASSIGNEE, its succeasely transferred.	(s) that the attorney of essors, assigns and leq	record in said application shall
INVEN	TORS		DATE SIGNED	WITNESS	SES
1): Keij	TAKAHASHI		May/31/200/	Hon	schi'slehida
2)	i TAKAHASHI	-		·	
	inori Maruyama		May/31/200	Her	oshi Sshide
	hinori MARUYAMA				
	hoto Taniguchi		may /31/200	1 Huro	she Shida
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1. NAME OF CONVEYING PAR	TY(IES) (ASSIGNORS(S)):		P	FR 5.0 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1. Nakato MURATA	4 5 2007	2. Yoshiki TAN	TECHNO	LOGY CENTER 280
3. Tsutomu SHIGA	FEB 1 5 2002 W	4.		and other thanks
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NAME: DENSO CORPORATION				
ADDRESS: 1-1, Showa-cho, Ka	riya-city, Aichi-pref., 448-8661 JAF	PAN		
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3. NATURE OF CONVEYANCE	E (DOCUMENT):			
(Submit herewith only one do	ocument for recordation—multiple	copies of same Assignn	nent signed by differe	ent inventors is one
document)	<u>_</u>			
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⊠ORIGINAL	FACSIMILE/PHOTOCOPY		(3) Ju	uly 13, 2001
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	TY!) (1 & 2) July 12, 2001 and (3)		VEC MAIO	
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A PAT. APP. NO.(S) M#	1# INVENTOR If not in item 1	B. PATENT NO(S)	M#	if not in item 1
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NEW APPLICATION 02827 5. Name & Address of Party to		6. NUMBER INVOL\	/FD·	L
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1600 Tysons Boulevard				• *
McLean, VA 22102	•			•
5.5ATTY DKT:		8. IF ABOVE FEE IS M	ISSING OR INADEQU	ATE CHARGE
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Attorney: Paul T. Bowen				
Reg. No 38009		Date: July 26, 2001 FAX: (703) 9		g to g and grown to the company.

TEL: (703) 905-2020 FAX: (703) 905-2500 FILE WITH PTO RETURN RECEIPT (PAT-103A)

inventions made outside USA executed with or after application

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Client Ref.

4706- 05

Pillsbury Winthrop LLP 1600 Tysons Boulevard McLean VA 22102

USA Patent Appln. Sole or Joint

ASSIGNMENT OF NONPROVISIONAL APPLICATION

		consideration of the sum of Ten Dollars (\$10.0	0) and other good and valu	able consideration paid to each of
the undersig	ned, to	wit:		
INSERT		(1) Nakato Murata	(2) Y	oshiki Tan
NAME(S) OF	:	(3) Tsutomu Shiga	.(4)	
INVENTOR(S		(5)		box if continued on page 2
and transfer		ciency of which are hereby acknowledged by th	e undersigned who at the i	request of, hereby sell(s), assign(s)
INSERT				·
NAME(S) OF		DENSO CORPORATION	DEE 440 OCC4 IADAN	
ASSIGNEE(S	•	1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PR	KEF., 448-8661 JAPAN	· · · · · · · · · · · · · · · · · · ·
& ADDRESS	(ES)			
(hereinafter designany and all division TITLE OF INVENTION	gnated *AS ons, contin	SIGNEE") the entire right, title and interest for the United States uations, substitutes, and reissues thereof, and all resulting pater BRUSH-LESS ROTARY ELECTRIC MACHIN	nts, known as	· · · · · · · · · · · · · · · · · · ·
NOTE → → (Complete	4(a- C)	for which the undersigned executed an applic (A) ⊠ even date herewith (B) □ on □	cation for Letters Patents of	the United States of America:
line A, B and	1/01 C)	(C) In U.S. Appln. No.		
hereinafter act o	for its inte on behalf of AN SIGNEE to Th	ID the undersigned hereby authorize(s) and request(s) the Uniterest as ASSIGNEE, its successors, assigns and legals represer said ASSIGNEE; ID the undersigned hereby agree(s) to testify and execute any passignee's full protection and title in and to the invention here e undersigned hereby authorize(s) Pillsbury Winthrop LLP of the lt.	ntatives; the undersigned agree(s) that papers for ASSIGNEE, its successors by transferred.	nt the attorney of record in said application shall assigns and legal representatives, deemed
1):	<u>INVEN</u>	TORS Nakato musta	DATE SIGNED July 12 2001	WITNESSES Herrida
Name:	Nakato	Murata Yeshiki Jan	July 12, 2001	Heroshi Nahida
			•	
Name:	Yoshik	Isutomy Grega	July 13.200	Hiroshi Ushida
Name:		u Shiga	July 13.200	Hiroshi Sahida
Name: 3) Name: 4)		Isutomy Grega	July 13.200	Hiroshi Ushida
Name:		Isutomy Grega	July 13.200	Hiroshi Sahida

BOX ASSIGNMENTS	·		DO NOT USE	FOR TRADEMARKS
RECORDATION F PATENT APPLICAT	IONS & PATENT	Dar		
TO THE ASSISTANT COMMISSIONER OF PATENTS AND THE SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTAL OF CONTINUE PARTYLES (ASSIGNORS)	RADEMARKS: ENTS OR COPY	THERE	OF. RECEIVE	D
1. NAME OF CONVEYING PARTY (IES) (ASSIGNORS (S)): 1. Masami NIIMI 3. Masahiro KATOH 5. 7. ADDITIONAL NAME(S) OF CONVEYING PARTY (IES) ATTAC	2. Hideki ICH 4. 6.	IKAWA	FEB 20 200 ECHNOLOGY CENT	12
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: DENSO CORPORATION				
ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661				
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YE 3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith only one document for recordation—multiple document)		e Assigr	nment signed by differ	rent inventors is one
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EXECUTION DATE(S) ON THE DECLARATION IF FILED HER ASSIGNMENT DIFFER SEE ATTY!) (1) June 5, 2001; (2) June 5, 2001; (2)	ne 11, 2001; (3) 、	June 6, 2	2001	ON AND
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONA	L SHEET(S) atta		_YES ⊠NO	
A. PAT. APP. NO.(S) M# 1* INVENTOR, series code/serial no if not in item 1	B. PATENT	NO(S)	M#	1st INVENTOR if not in item 1
NEW APPLICATION 0281512		D 141) (O1	\(\(\)	
Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:	6. NUMBE		TS <u>0</u> = TOTAL	1
Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102			E ENCLOSED: (Code \$40 = \$40	581)
5.5ATTY DKT: P 0281512		IENCY T	MISSING OR INADEQUE O DEPOSIT ACCOUNT 030954	
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9. Cul Br		attachm	pages <u>including</u> this nents and document er sheet)	2
V Signature Attorney: Paul T. Bowen			•	
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Atty/Sec: PTB/tel TEL: (703) 905-2020			905-2500	
FILE WITH PTO RET	URN REČEIPT	(PAT-	103A)	

Pillsbury Winthrop LLP

Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918 For Inventions made outside USA executed with or after application

Atty. Dkt. PW 57168-US-

MRB/nh
M# Client Ref.

USA Patent Appln. Sole or Joint

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ASSIGNMENT OF NONPROVISIONAL APPLICATION

NSERT	(1) Masami NIIMI	(2) Hideki ICHIKAWA	
AME(S) OF	(3) Masahiro KATOH	(4)	
VVENTOR(S)	(5)	x box if continued on page	2
ne receipt and suffi nd transfer(s) unto		the undersigned who at the request of, hereby sell(s), a	ıssign(s
AME(S) OF	1-1, Showa-cho, Kariya-city, Aichi-pref., 448	3-8661 Japan	
SSIGNEE(S)			
ADDRESS(ES)			
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said ASSIGNEE, for its in hereinafter act on behalf A	lerest as ASSIGNEE, its successors, assigns and legals repres of said ASSIGNEE; IND the undersigned hereby agree(s) to testify and execute any o ASSIGNEE'S full protection and title in and to the invention he the undersigned hereby authorize(s) Pillsbury Winthrop LLP of	nited States Commissioner of Patents and Trademarks to issue said Letters lentatives; the undersigned agree(s) that the attorney of record in said applicate y papers for ASSIGNEE, its successors, assigns and legal representatives, dereby transferred the above address to insert hereon any further identification necessary or definition.	leemed
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SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMEN	TS OR COPY THEREO	F			
1. NAME OF CONVEYING PARTY(59) (ASSIGNORS(S)):		FEB 20	2002		
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ADDITIONAL NAME(S) OF CONVEYING PARTY (IES) ATTACHE	D? □YES ⊠NO	and and the second	,		
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:		····	·	[
NAME: DENSO CORPORATION	•		•		
ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Ja					
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐YES	⊠NO				
3. NATURE OF CONVEYANCE (DOCUMENT):				1	
(Submit herewith only one document for recordation—multiple	copies of same Assignm	nent signed by differer	nt inventors is on	е	
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NEW APPLICATION 0282680	0 NUMBER 101/01/	/FD:			
5. Name & Address of Party to Whom Correspondence	6. NUMBER INVOLV		4.		
Concerning Document Should be Mailed:	APPLNS 1 + PAT				
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Intellectual Property Group	ABOVE TOTAL x \$	40 = \$40			
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McLean, VA 22102					
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Attorney: Paul T. Bowen					
Reg. No. 38009	Date: August 7, 200	01			
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In the undersigned, to	consideration of the sum of Ten Dollars (\$10 wit:	0.00) and other good and valu	uable consideration paid to each of
INSERT	(1) Tadatoshi ASADA	(2)	
NAME(S) OF	(3)	(4)	
INVENTOR(S)	(5)		x box if continued on page 2
the receipt and suffi and transfer(s) unto	ciency of which are hereby acknowledged by :	the undersigned who at the	request of, hereby sell(s), assign(s)
INSERT	DENSO CORPORATION		
NAME(S) OF	1-1, Showa-cho, Kariya-city, Aichi-pref., 44	8-8661 Japan	
ASSIGNEE(S)			
& ADDRESS(ES)		·	
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(hereinafter designated *As any and all divisions, contin	SSIGNEE") the entire right, title and interest for the United Stanuations, substitutes, and reissues thereof; and all resulting p	ates of America as defined in 35 U.S.C. datents, known as	100, in the invention and all applications including
TITLE OF INVENTION	VOLTAGE REGULATOR OF VEHICLE A	C GENERATOR	
	for which the undersigned executed an ap	plication for Letters Patents o	f the United States of America:
NOTE → →	(A) 🔀 even date herewith		
(Complete	(B) on		
line A, B and/or C)	(C) in U.S. Appln. No.	filed	
said ASSIGNEE, for its into hereinafter act on behalf of All essential by ASSIGNEE to	ND the undersigned hereby agree(s) to testify and execute an ASSIGNEE'S full protection and title in and to the invention had undersigned hereby authorize(s) Pillsbury Winthrop LLP or	sentatives; the undersigned agree(s) that by papers for ASSIGNEE, its successors dereby transferred.	at the attorney of record in said application shall s, assigns and legal representatives, deemed
	TORS atoshi Asada Oshi ASADA	DATE SIGNED July 2, 200/	MITNESSES John Johnda
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Signature 0		
Attorney: Kenneth M. Fagin		
Reg. No. 37,615	Date: July 13, 2001	

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In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to

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each of the undersigned, to wit: (4)Yoshiaki MIZUNO Naoto IWATA INSERT (5) NAME(S) OF INVENTOR(S) Masayoshi FUJITA (2)Nobuhiko NAGAI [x] x box if continued on page 2 (3) Masahiko NATUME the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: DENSO CORPORATION INSERT Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan NAME(S) OF ASSIGNEE(S) & ADDRESS(ES) (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as TITLE OF INVENTION IMPROVED METHOD FOR MACHINING SLOTS IN MOLDING DIE for which the undersigned executed an application for Letters Patent of the United States of America: x |even date herewith NOTE → → (A) (Complete (B) line A, B and/or C) filed in U.S. Appln. No. (C) AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. NOTE --- The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document. INVENTOR(S) DATE SIGNED Moto Lwata 1) Naoto Iwata Name: 2) Name: Masayoshi Fujita natume 3) Name: Yashiak 4) Yoshiaki Mizuno Name: Nobuhiko Nagai IF ADDITIONAL INVENTORS, check box X and continue on page 2.

(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT NAME(S) OF INVENTOR(S)

Liev	MTVA7AKT	(11)
(6)	Mitsutoshi MIYAZAKI Kunihiro KODAMA	(12)
10.7	Toshiji KONDOU	(13)
(8)	TOSHIJI NO.	(14)
(10)		(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

5) Name:	INVENTOR(S) Initiation iniquality Mitsutoshi Miyazaki Kunihira Kodama	27- Dray-98 27-May-98	MINESSES Idisashi Kayano Misashi Kayano Keiji Sahai
7) Name: 8)	Kunihiro Kodama Joshiji: Kondou	28-May-98	Keiji Sahai
Name:	Toshiji Kondou		·
9) Name:		:	
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1. Shigenobu NAKAMURA 3.	FEB 1 5 2002 H	2. 4. 6.		TECHHOLOGY CE	NTER 2800
5. 7. ADDITIONAL NAME(S) OF CON	NVEYING BARFY (IES) ATTACH	8.	NO	ei. en: Bi ···	in the said
2. PARTY(IES) (ASSIGNEE(S))	RECEIVING INTEREST:	·			-
NAME: DENSO CORPORATION	· ·				
ADDRESS: 1-1, Showa-cho, Kar	riya-city, Aichi-pref., 448-8661 J	APAN			
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Paul T. Bowen Attorney:

38009 Reg. No. Atty/Sec: PTB/vaw

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Date: October 1, 2001

FAX: (703) 905-2500

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undersigned, to	wit.	•			
SERT	(1) Shigenobu NAKAMURA	(2)			
ME(S) OF	(3)	(4)			
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SERT	DENSO CORPORATION				
ME(S) OF	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan				
SIGNEE(S)			· ·		
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	nuations, substitutes, and reissues thereof; and all resulting pat	ents, known as			
	BRUSHLESS AC GENERATOR		of the United States of America:		
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